

**Amendments to the Specification:**

Please replace paragraph [0025] with the following amended paragraph:

[0001] Figure 5 shows an alignment of the parental Pfu (SEQ ID NO:24) and Deep Vent® (SEQ ID NO:25) sequences, and various hybrid polymerase sequences (SEQ ID NOS:27-37 and 10, respectively).

Please replace paragraph [0026] beginning at page 5, line 15, with the following:

[0002] Figure 6 shows a sequence element that is common to the parental and hybrid sequences (SEQ ID NOS:38-46).